



A New Rôle for EPS

Scholarships

The proposal to give EPS a central role in the circulation of physicists at the graduate and post-graduate level is under active consideration in a number of European countries. In the scheme under study, the EPS would serve as the central organization for a series of scholarships donated by national organizations. It is expected that several national organizations will, in the near future, be in a position to put at the disposal of EPS the means necessary for one or more physicists at the graduate or post-graduate level to spend a protracted period at a university or national institute with all essential charges paid.

In most countries, the funding of student and post-graduate scholar-

ships is either through essentially internal mechanisms or through bilateral agreements with other countries with whom cultural exchanges have been negotiated. New procedures have therefore to be invented to make the EPS scholarship scheme possible and it says much for the trans-European spirit in physics that so many countries are prepared to study how they might participate in the scheme.

It is too early to give details of how the scholarships will be awarded but in principle, they will be open to any advanced student in Europe without restriction as to country of origin, race, religion and so on. Selection will be through a special committee formed within the European Physical Society in co-operation with the na-

tional society or academy concerned, where it will be a question of matching the physicists' interests to the places open. Once the award is made it will be up to the individuals to see that they integrate into the academic life of their host institutions.

It is hoped that from modest beginnings the scheme will steadily grow and in due time make a real contribution to the flow of physicists between the laboratories of Europe. Members of EPS will be kept informed of progress in the negotiations and are asked to give what help they can to further the scheme in their own institution or country. Additional suggestions should be made to Professor B. Giovannini, through the EPS Secretariat.

School Places

Parallel to the launching of the scholarship scheme (see above) is a scheme to form a European pool of school places. As a beginning, the Ettore Majorana Centre has put at the disposal of the EPS, a number of places in the schools organized throughout the year by Erice. Courses at the schools in 1977 of special interest to physicists are summarized below and details appear in chronological order under "Schools" at the end of this edition of *Europhysics News*. The courses are designed as up-dating or interdisciplinary courses and are open to physicists with some maturity in the chosen field. Those awarded an EPS School Place will be expected to take care of their own travel arrangements but all charges at the school including both course fees

and lodging will be paid for by the Centre.

Places are open to all physicists of suitable qualifications whatever their country of origin, but priority will be given to EPS members. Application forms are available on request at the EPS Secretariat, P.O. Box 39, CH-1213 Petit-Lancy 2. No dead-line has been fixed but early application will be an advantage.

Erice International Schools in 1977 and Directors:

Applied Geophysics, R. Cassinis (13-23 April) Astrophysics, G. Setti (9-20 July) Atomic and Molecular Spectroscopy, B. Di Bartolo (15-30 June) Biophysics, A. Borsellino (10-20 March and 25 Oct.-1 Nov.) Cosmology and Gravitation, V. de Sabbata (10-22 May) Crystallography, D. Hodgkin (5-16

Sept.) Electron Microscopy, U. Valdrè (26 March-9 April) Energetics, F. Amman and R. Wilson (9-21 Oct.) Logic and Methodology, E. Agazzi (1-8 May) Low Temperature Physics, T. Regge (11-25 June) Mathematical Morphology, J. Serra (25 April-6 May) Mathematical physics, G. Velo and G.A. Wightman (27 June-9 July) Physics for Industry, C. Castagnoli (26 June-5 July) Relativistic Astrophysics, R. Ruffini (24 Aug.-4 Sept.) Sub-Nuclear Physics, A. Zichichi (23 July-10 Aug.).

Highly Specialized Seminars:

Computational Geometry, F. Preparata (29 Dec.-10 Jan.) Multi-Hadronic Final States, E. Predazzi (20 May-4 June) Statistical Mechanics at High Density, L. Sertorio and H. Satz (11-19 April) Interdisciplinary Seminar, E.P. Wigner (11-22 Aug.).

Guide to Entries

This Meetings Issue of *Europhysics News*, contains details of future meetings about which notification was received at the EPS Secretariat in Geneva by October 1976. The events are listed in date order in two categories — Conferences and Schools. Europhysics Conferences, i.e. meetings organized by EPS, its Divisions and Sections are printed in bold type and boxed; events sponsored by EPS are printed in bold type; Europhysics Study Conferences are marked by an Θ preceding the date.

Conference and school organizers who wish to have their meetings included in the next Meetings Issue of *Europhysics News* should apply to: *European Physical Society*, P.O. Box 39, CH-1213 Petit-Lancy 2

In general, meetings are open to all applicants; where attendance is known to be restricted to invited applicants, this is indicated by 'inv.'. The information is given in the following order:

Date **Venue**
Title
Contact for information
A: Application deadline / Ab: Abstracts deadline / P: Papers deadline / Number of participants / inv.: by invitation only.

Languages other than English / Sponsorship / Conference fee.

An asterisk (*) preceding the Title indicates that full information can be found by referring to the Meetings Issue of June 1976 (Vol. 7, No. 6).

Conferences 1976

9-10 Dec. Grenoble, France
Collisions Atome - Atome aux Energies Thermiques
Mme M. Leduc, Spectroscopie Hertzienne ENS,
24 rue Lhomond, F-75231 Paris Cedex 05
A: 15.10.76

10-17 Dec. Madrid, Spain
V. Congreso Iberoamericano de Cristalografia
Dr. Rodriguez-Martinez, Universidad Autonoma
Facultad de Ciencias, Cantoblanco, Madrid
IUCr

13-14 Dec. London, UK
* Molecular Relaxation Processes

13-15 Dec. Williamsburg, Va., USA
* Atmospheric Aerosols

13-17 Dec. Rocquencourt (Le Chesnay), France
Int. Symposium: New Trends in Systems Analysis
IRIA, Symposium Secretariat, Domaine de Voluceau,
Rocquencourt, B.P. 5, F-78150 Le Chesnay

15-18 Dec. Erice, Italy
Round Table: Media and Information Revolution
Main Secretariat, CCSEM, Via Guarnotta 26,
I-91016 Erice

27 Dec.-1 Jan. 1977 Calcutta, India
* Advanced Mathematical Techniques in Physical
Sciences

1977

3 Jan.-4 Feb. Santa Barbara, Cal., USA
Gordon Research Conferences — 1977 Winter
Schedule
Alexander M. Cruickshank, Director, Pastore
Chemical Laboratory, University of Rhode
Island, Kingston, RI 02881
100 per conference
US \$ 175.—

5-7 Jan. Manchester, UK
14th Annual Solid State Physics Conference
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
P:1.11.76

6-12 Jan. New Delhi, India
Int. Conf. on Frontiers of Theoretical Physics -
50th Anniversary of Bose Statistics
F.C. Auluck, Dept. of Physics and Astrophysics,
University of Delhi, Delhi 110007
IUPAP

10-13 Jan. Gaithersburg, Md., USA
Applications of Phase Diagrams in Metallurgy and
Ceramics
Ronald B. Johnson, Materials Bldg. B-348, National
Bureau of Standards, Washington, DC 20234

13-15 Jan. Sanibel Island, Fla., USA
Int. Workshop on Quantum Mechanical Methods
in Studying the Properties of Matter
John R. Sabin, Williamson Hall, University of
Florida, Gainesville, FL 32611

17-19 Jan. College Park, Md., USA
Synchrotron Radiation and Runaway Electrons in
Tokamaks
Dr. D. Boyd, Dept. of Physics and Astronomy,
University of Maryland, College Park,
Md. 20742

17-22 Jan. Hirschegg, Austria
5th Int. Workshop on Gross Properties of Nuclei
and Nuclear Excitations
B. Voelker, Institut für Kernphysik, Technische Hoch-
schule, Schlossgartenstr. 9, D-61 Darmstadt

23-27 Jan. Sanibel Island, Fla., USA
Int. Symp. on Atomic, Molecular and Solid State
Theory, Collision Phenomena, Quantum
Statistics and Computational Methods
John R. Sabin, Williamson Hall, University of
Florida, Gainesville, FL 32611

7-10 Feb. Chicago, Ill., USA
American Physical Society - General Meeting
American Physical Society, 335 E. 45th Street,
New York, NY 10017

9-12 Feb. Chicago, Ill., USA
Winter Meeting: American Association of Physics
Teachers
Dr. Strassenburg, Executive Officer, AAPT-Drawer,
SUNY, Stony Brook, NY 11790

14-17 Feb. Sao Paulo, Brazil
* 5th Int. Conf. on Luminescence Dosimetry

15-17 Feb. Prague, Czechoslovakia
* 4th Int. Conf.: Measuring Systems - EMISCON 77

16-18 Feb. Knoxville, Tenn., USA
Atomic Physics of High Temperature Plasmas
C.F. Barnett, Oak Ridge National Laboratory,
P.O.Box X, Bldg. 6000, Oak Ridge, TN 37830
Ab: 1.1.77

16-18 Feb. Philadelphia, USA
* International Solid State Circuits Conference

21-23 Feb. London, UK
Int. Conf. on Reliability of Power Supply Systems
Conference Department, IEE, Savoy Place,
London WC2R 0BL
Ab: 12.4.76/P: 1.9.76
£ 67.51, £ 33.76 (students)

21-25 Feb. Asilomar, Cal., USA
* American Crystallographic Association Meeting

22-24 Feb. Williamsburg, Va., USA
* Optical Fiber Transmission II

23-24 Feb. Gaithersburg, Md., USA
Flow Measurement Symposium
William C. Haight, Room 105, Fluid Mechanics
Bldg., National Bureau of Standards,
Washington, DC 20234
Ab: 1.11.76/P: 15.1.77

23-27 Feb. Sanibel Island, Fla., USA
Int. Symp. on Quantum Statistics - Quantum Crystals
and Quantum Fluids
John R. Sabin, Williamson Hall, University
of Florida, Gainesville, FL 32611

25 Feb. London, UK
One-Day Conf. on Technological Forecasting
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX

28 Feb.-4 March La Toussuire, France
4e Session d'Etudes Biennale de Physique Nucléaire
Miss B. Charnomordic, Institut de Physique Nucléaire
de Lyon, 43 bd. du 11 Novembre 1918,
F-69621 Villeurbanne
A: 1.11.76/P: 15.1.77

28 Feb.-4 March Cleveland, Ohio, USA
28th Pittsburgh Conf. on Analytical Chemistry and
Applied Spectroscopy
John E. Graham, Koppers Co. Inc., 440 College
Park Drive, Monroeville, Pa. 15146
Ab: 15.9.76
IUCr

28 Feb.-5 March Mainz, FRG
Tagung über Atomphysik, Massenspektrometrie,
Molekülphysik, Quantenoptik (DPG)
— Atomphysik
H. Walther, Sektion Physik d. Universität München,
Am Coulombwall 1, D-8046 Garching
— Massenspektrometrie
H. Neuert, Inst. f. Exp. Physik d. Universität,
Jungiusstr. 9, D-2000 Hamburg 36
— Molekülphysik
H. Hohlneicher, Lehrstuhl für Theor. Chemie d.
Universität, Greinstr. 4, D-5000 Köln 1
— Quantenoptik
K.L. Kompa, Max-Planck-Gesellschaft, Projekt-
gruppe für Laserforschung, Institutsgelände,
D-8046 Garching
Ab: 15.12.76

Spring Erice, Italy
Round Table: Should Europe have an Institute for
Solar Energy Research?
Main Secretariat, CCSEM, Via Guarnotta 26,
I-91016 Erice
(previously arranged for 19-22.12.76)

7-10 March Essen, FRG
Tagung über Kurzzeitphysik, Plasma- und
Gasentladungsphysik (DPG)
— Kurzzeitphysik
M. Hugenschmidt, Deutsch-Französisches
Forschungsinstitut, Postfach 1560,
D-7858 Weil/Rhein
— Plasma- und Gasentladungsphysik
H. Zwicker, Inst. f. Plasmaforschung,
Pfaffenwaldring 21, D-7000 Stuttgart 80
Ab: 15.12.76

7-11 March Münster, FRG
Tagung über Festkörperphysik (DPG)
— Halbleiterphysik
J. Treusch, Inst. f. Physik d. Universität,
Postfach 500 500, D-4600 Dortmund 50

* For full details please see June issue of Europhysics News

- Kristallographie
W. Hoffmann, Inst. f. Mineralogie d. Universität, Gievenbeckerweg 61, D-4400 Münster
- Magnetismus
K. Schüller, Thyssen Edelstahlwerke, Magnetfabrik Dortmund, Ostkirchstr. 177, D-4600 Dortmund 41
- Metallphysik
M. Wilkens, MPI f. Metallforschung, Büsnauer Str. 171, D-7000 Stuttgart 80
- Oberflächenphysik
G. Ertl, Inst. f. Phys. Chemie d. Universität, Sophienstr. 11, D-8000 München 2
- Thermodynamik (DPG and NNV)
F. Schlögl, Inst. f. Theor. Physik, Techn. Hochschule, Templergraben 64, D-5100 Aachen
- Tiefe Temperaturen
A. Schmidt, Inst. f. Theor. Physik I d. Universität, Postfach 500 500, D-4600 Dortmund-Hombruch
Ab: 1.12.76
- 8-10 March** Münster, FRG
2. Symposium über Festkörpertechnologie
P. Balk, Inst. f. Halbleitertechnik, Techn. Hochschule, Templergraben 55, D-5100 Aachen
Ab: 20.11.76
- 8-10 March** London, UK
* Use of Electricity for Materials Processing and Conservation
- 16-18 March** Chicago, Ill., USA
Particle Accelerator Conference - Accelerator Engineering and Technology
Technical Activities Board, IEEE, 345 E. 47th Street, New York, NY 10017
Ab: 1.11.76
- 21-24 March** San Diego, Cal., USA
American Physical Society - General Meeting
American Physical Society, 335 E. 45th Street, New York, NY 10017
Ab: 7.1.77
- 21-25 March** Konstanz, FRG
Tagung über Kernphysik (DPG, NNV, SPG)
P. Kienle, Physik-Department, Techn. Universität München, James-Frank-Str., D-8046 Garching
Ab: 10.1.77
- 21-25 March** Vienna, Austria
5th Int. Congress: Data Processing in Europe - Computers at the Service of Man
Int. Data Processing Congress, Interconvention Kongressorganisationsges. m.b.H., Postfach 35, Kinderspitalgasse 5, A-1095 Vienna
- 22-25 March** New York, USA
Electro-IEEE Convention
Meetings Information, IEEE, 345 E. 47th Street, New York, NY 10017
- 22-25 March** Aussois, France
Glasses and Spin Glasses - Low Energy Excitations in Glasses and Disordered Magnetic Substances
J. Souletie, CRTBT - CNRS, B.P.166 Centre de Tri, F-Grenoble-Cedex
A: 1.2.77/70/inv.
FF 450.— (incl. proceedings)
- 23-25 March** Guildford, UK
Nuclear Physics
The Meetings Officer, The Institute of Physics 47 Belgrave Square, London SW1X 8QX
Ab: 4.2.77
- 23-25 March** Leicester, UK
* Radiation Effects in Liquids and Solids
- 23 March-3 April** Rome, Italy
24th Int. Exhibition of Electronics, Nuclear Energy and Aerospace Technology
Rassegna Internazionale Elettronica, Nucleare ed Aerospaziale, Via Crescenzo n. 9, I-00193 Rome
- 27-30 March** York, UK
3rd Interdisciplinary Surface Science Conference
D.P. Woodruff, Physics Dept., University of Warwick, Coventry CV4 7AL
- 28-29 March** Ramat Gan, Israel
Israel Physical Society: Annual Conference
Michael Klein, Physics Dept., Bar Han University, Ramat Gan
Ab: 15.1.77/400
English, Hebrew
- 28-30 March** Rome, Italy
24th Int. Scientific Congress on Electronics
Rassegna Internazionale Elettronica Nucleare ed Aerospaziale, Via Crescenzo n. 9, I-00193 Rome
A: 30.11.76/P: 31.1.77
- 28-31 March** Rothenburg o.d.T., FRG
Hochpolymerenphysik (DPG)
Symposium: Physik der Duroplasten
R. Bonart, FB Physik d. Universität, Universitätsstr. 31, D-8400 Regensburg
Ab: 15.12.76
- 28-31 March** Akron, USA
Int. Conf. on Semiconductor Power Convertors
E. Reimers, USAMERDC, AMXFB-EA, Electrical Equip. Div., Fort Belvoir, VA 22060
P: 4.6.76
- 28-31 March** Darmstadt, FRG
* Macromolecules and Organic Compounds under High Pressure: Chemistry and Physics
- 28-31 March** Gaithersburg, Md., USA
Int. Specialists Symposium: Neutron Standards and Applications
Horst O. Liskien, Centraal Bureau voor Nucleaire Metingen, Steenweg naar Retie, B-2440 Geel, Belgium
IUPAP
- 28 March-1 April** San Francisco, USA
2nd Int. Conf. on Metallurgical Coatings
R.F. Bunshah, 6532 Boelter Hall, University of California, Los Angeles, CA 90024
Ab: 10.11.76/P: 28.3.77
- 28 March-1 April** Dresden, GDR
3rd Int. Conf. on Lasers and their Applications
K. Junge, Akademie der Wissenschaften der DDR, Zentralinstitut für Optik und Spektroskopie, Rudower Chaussee 6, DDR-1199 Berlin-Adlershof
IUPAP
- 28 March-1 April** Cambridge, UK
1st Int. Meeting on Advanced Techniques in Low Temperature Microscopy and Analysis
Royal Microscopical Society, 37-38 St. Clements, Oxford OX4 1AJ
- 28 March-2 April** Aachen, FRG
Teilchenphysik (DPG)
K. Schultze, III. Phys. Inst., Techn. Hochschule, Neubaugebiet Seffent-Melaten, D-5100 Aachen
Ab: 15.12.76
- 29-31 March** Weybridge, UK
⊗ Luminescence Processes in Phosphors for Cathode-Ray Tubes and Lamps
Paul Greenough, The General Electric Co. Ltd., Hirst Research Centre, Wembley, Middlesex, HA9 7PP
70/inv.
- 30 March-1 April** London, UK
* Pair Interactions in Molecules
- 4-7 April** Reading, UK
9th National Atomic and Molecular Physics Conf.
K. Codling, J.J. Thomson Physical Laboratory, Whiteknights, Reading RG6 2AF
Ab: 1.2.77
- 5-6 April** Coventry, UK
Magnetic Resonance in Conductors
G.A. Styles, Physics Dept., University of Warwick, Coventry
- 5-9 April** Trieste, Italy
3rd Int. (Kiev) Conf. on Plasma Theory
International Centre for Theoretical Physics, POB 586, I-34100 Trieste
Ab: 1.2.77
IUPAP
- 11-15 April** Miramare, Trieste, Italy
Meeting of the International Fusion Research Council
International Centre for Theoretical Physics, POB 586, I-34100 Trieste
- 14-15 April** Edinburgh, Scotland, UK
3rd Int. Conf. on Ternary Compounds
G.D. Holah, Physics Department, Heriot-Watt University, Riccarton, Edinburgh EH14 4AS
- 18-20 April** St. Louis, Missouri, USA
5th Conf. on Chemical and Molecular Lasers
W.Q. Jeffers, Helios Inc., P.O. Box 2190, Boulder, CO 80302
- 18-22 April** Noordwijkerhout, NL
6th Int. Conf. on Molecular Beams
A.E. de Vries, FOM-Institute for Atomic and Molecular Physics, Kruislaan 407, Amsterdam
A: 15.12.76/Ab: 15.11.76/P: 1.2.77/200
hFl. 180.—
- 18-22 April** Kiev, USSR
4th National Soviet Conference on Neutron Physics
M.V. Pasechnik, Institute for Nuclear Research, Prospekt Nauki 119, Kiev 28, USSR 252028
Ab: 1.12.76
- 19-21 April** New York, USA
* Electro/77
- 20-22 April** Grenoble, France
3e Congrès International de l'Electrostatique
Société de Chimie Industrielle, 28, rue St. Dominique, F-75007 Paris
Ab: 30.6.76/P: 31.1.77
FF 550.—
- 24-30 April** Paris, France
* 4th Int. Congress of the International Radiation Protection Association
- 25-27 April** Phoenix, Ariz., USA
* Circuits and Systems
- 25-28 April** Washington, D.C., USA
American Physical Society — General Meeting
American Physical Society, 335 E. 45th Street, New York, NY 10017
Ab: 28.1.77
- 27-29 April** Eisnøre, Denmark
3rd European Experimental Nuclear Magnetic Resonance Conf.
3rd EENC, The Ørsted Institute, University of Copenhagen, Universitetsparken 5, DK-2100 Copenhagen
- 28 April-6 May** La Baule, France
Wave Phenomena in Non-Ionized Media
F. Eklund, Radio Propagation Division, Research Institute of National Defense, Div. 3, S-104 50 Stockholm 80, Sweden
Ab: 15.10.76
URSI
- May** Lyon, France
Surface Physics and Chemistry Colloquium
Mme J. Fauvet, SPV, 19, rue du Renard, F-75004 Paris
- 3-6 May** Venice, Italy
European Conference on Electrotechnics
VDE Zentralstelle Tagungen, Stresemannallee 21 D-6 Frankfurt/Main 70, FRG

* For full details please see June issue of Europhysics News

9-12 May Cavtat, Yugoslavia
Transport Properties of Normal Metals and Alloys well below Θ_D
 Emil Babic, Institute of Physics of the University, Bijenicka 46, POB 304, YU-41001 Zagreb
 A: 31.3.77/Ab: 1.3.77/80 inv.
 English/SFr. 120.—

9-13 May Strasbourg, France
 4th Int. Colloquium on Analytical Methods with X-Rays
 P. Pomes, C.G.R., Recherche et Industrie, B.P. No. 3, F-92133 Issy-les-Moulineaux

10-12 May Gaithersburg, Md., USA
 7th Symposium on Thermophysical Properties
 R.B. Johnson, B348 Materials Building, National Bureau of Standards, Washington, DC 20234
 Ab: 1.11.76/P: 1.4.77

11-12 May London, UK
 The Evaluation and Calibration of Ultrasonic Transducers
 The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX
 Ab: 15.11.76

17-20 May Grasmere, UK
 The Study of Macromolecules by Nuclear Magnetic Resonance (Euchem Conf.)
 Assistant Secretary (Activities), Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL

18-20 May Ann Arbor, Mich., USA
 7th Annual Anomalous Absorption Conf.
 Duncan Steel, Rm 2250, G.G. Brown Laboratory, Dept. of Nuclear Engineering, University of Michigan, Ann Arbor, MI 48109

19-21 May New Haven, Conn., USA
 The Evolution of Galaxies and Stellar Populations
 B.M. Tinsley, Yale University Observatory, Box 2023, Yale Station, New Haven, CT 06520
 inv.

21-27 May Banff Springs, Alberta, Canada
 * 6th Int. Symposium on Magnetic Resonance

23-25 May Troy, N.Y., USA
 * Plasma Science

23-28 May Kiev, USSR
 Nutation and the Earth's Rotation
 Ya. Yatskiv, Ukrainian Academy of Sciences, Main Astronomical Observatory, Kiev 252127
 105/inv.
 English, French/IAU

23-28 May La Colle-sur-Loup, F
 Optics at the Solid-Liquid Interface
 Anne Hugot-Le Goff, Physique des liquides et électrochimie, Université P. et M. Curie, 4, pl. Jussieu, Tour 22, F-75230 Paris Cedex 05
 A: 15.2.77/P: 15.12.76/80
 English, French/FF 400.—

29 May-3 June Washington, D.C., USA
 25th Ann. Conf.: Mass Spectrometry and Allied Topics
 J.A. Mc Closkey, Dept. of Biopharmaceutical Sciences, University of Utah, Salt Lake City, Utah 84112
 A: 12.1.77

30 May-3 June Adriatic Coast, YU
 Int. Conf.: Intermediate Structure in the Continuum Observed in Heavy Ion Reactions
 N. Cindro, Institut Rudjer Boskovic, POB 1016, YU-41001 Zagreb
 A: 28.3.77/P: 9.5.77/100/inv.
 SFr. 100.— (IOM, mbrs. of affiliated soc.)
 150.— (others)

End of May Trieste, Italy
 Nuclear Theory
 International Centre for Theoretical Physics, POB 586, I-34100 Trieste

June Tel Aviv or Palermo
 Symposium on New Instrumentation for Space Astronomy
 COSPAR Secretariat, 51 bd. de Montmorency, F-75016 Paris, France
 A: Spring 1977/Ab: 15.2.77/150
 English, French/COSPAR, IAU

6-9 June Rochester, USA
 Int. Multiphoton Physics Conf.
 J.H. Eberly, Dept. of Physics and Astronomy, University of Rochester, Rochester, NY 14627
 IUPAP

6-10 June Los Angeles, USA
 International Magnetism Conference (INTERMAG)
 Geoffrey Bate, IBM Corporation, P.O. Box 1900, Boulder, Co. 80302
 P: 5.1.77

6-10 June Ithaca, N.Y., USA
 * Planetary Nebulae

6-11 June Paris, France
 2nd Int. Congress on Hydrogen in Metals
 Secrétariat Général, 2ème Congrès "L'Hydrogène dans les Métaux", ISMCM, 3 rue Fernand Hainaut, F-93407 St. Oen-Cedex
 A: 15.9.76/Ab: 1.11.76

7-10 June Tel-Aviv, Israel
 L.D. de Feiter Memorial Symposium: Study of Travelling Interplanetary Phenomena
 Murray Dryer, Space Environment Lab., NOAA/ERL, Boulder, CO 80302, USA
 A: Spring 1977/Ab: 15.2.77/200
 English, French/COSPAR, IAGA-IUGG, IAU, IUPAP

7-10 June Tel-Aviv, Israel
 Symposium: Contributions of Space Observations to Global Food Information Systems
 COSPAR Secretariat, 51 bd. de Montmorency, F-75016 Paris, France
 A: Spring 1977/Ab: 15.2.77/200
 English, French/COSPAR, IAMAP-IUGG

7-18 June Tel-Aviv, Israel
 20th COSPAR Annual Plenary Meeting
 COSPAR Secretariat, 51 bd. de Montmorency, F-75016 Paris, France
 A: Spring 1977/Ab: 15.2.77/500
 English, French/COSPAR/US \$ 55.—

12-17 June New York, USA
 * Meeting of the American Nuclear Society

12-17 June Kaysersberg, Strasbourg, F
 8th Int. Symp. on Multiparticle Dynamics
 Mme F. Wechselgaertner, Centre de Recherches Nucléaires, F-67037 Strasbourg Cedex
 inv.

13-15 June Chicago, Ill., USA
 Int. Conf. on Communications
 E.J. Glenner, GTE Automatic Elec. Labs., POB 17, Northlake, IL 60164

13-17 June Aussois, France
 Colloque International sur les Etats très excités des Atomes et des Molécules
 M.S. Feneuille, Labo. Aimé Cotton, Bât. 505, Université Paris XI, F-91405 Orsay

13-17 June Madison, USA
 International Conference on Hyperfine Interactions
 R.S. Raghavan, Bell Laboratories, 600 Mountain Avenue, Murray Hill, NJ 07974
 IUPAP

13-17 June Argonne, Ill., USA
 Int. Discussion Meeting on Radiation Effects in Superconductivity
 Bruce S. Brown, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439

17-22 June Dublin, Ireland
 International Symposium on Macromolecules
 Symposium Officer, Macro Dublin 77, Institute for Industrial Research and Standards, Ballymun Road, Dublin 9
 IUPAC

19 June- 1 July London, UK
 * Ultrasonics International

20-23 June Saskatoon, Canada
 1977 Congress of the Canadian Association of Physicists
 Canadian Association of Physicists, Suite 903, 151 Slater Street, Ottawa K1P 5H3

20-24 June Munich, FRG
 Laser 77 — Opto-Elektronik
 Münchener Messe- und Ausstellungsgesellschaft mbH, Kongressbüro Laser 77 — Opto-Elektronik, Postfach 121009, D-8000 Munich 12
 Ab: 1.12.76

20-24 June Columbia, S.C., USA
 Int. Conf. on Fourier Transform Infrared Spectroscopy
 R.O. Kagel, FT-IR Conference, Environmental Services, 628 Bldg., Midland, MI 48640
 A: 15.1.77/Ab: 1.2.77
 US \$ 65.—

20-25 June Versailles, France
 6th Conf. "De la Physique Théorique à la Biologie"
 M. Marois, Institut de la Vie, 89, bd. St. Michel, F-75005 Paris
 IUPAP

21-23 June Liège, Belgium
 21st Liège Int. Astrophysical Symposium — Laboratory and Astrophysical Spectroscopy of Small Molecular Species
 I. Dubois, Université de Liège, Institut d'Astrophysique, avenue de Cointe 5, B-4200 Cointe-Ougrée

21-23 June San Diego, Cal., USA
 Int. Microwave Symposium and Exhibits
 David Rubin, 3528 Quimby Street, San Diego, CA 92106
 Ab: 15.1.77/P: 15.1.77

21-24 June Berlin-West
 * Matrix Isolation Spectroscopy

27-30 June Vancouver, Canada
 2nd Int. Conf. on Nucleon-Nucleon Interaction
 Organizing Committee, Nucleon-Nucleon Interaction Conference, University of British Columbia, Vancouver, B.C.

27 June-1 July Palaiseau, France
 3rd Int. Congress on Waves and Instabilities in Plasmas
 T.D. Mantei, Laboratoire P.M.I. Ecole Polytechnique F-91120 Palaiseau
 A: 29.4.77/P: 29.4.77/400
 English/IUPAP, URSI/FF 200.—

27 June-1 July Edinburgh, UK
 * 7th Int. Conf. on Amorphous and Liquid Semiconductors

27 June-1 July Washington, D.C., USA
 3rd Int. Conf. on Ion Beam Analysis
 Eligius A. Wolicki, Radiation Technology Division, Naval Research Laboratory, Washington, DC 20375

28-30 June Montreux, Switzerland
 2nd Symposium and Technical Exhibition on Electromagnetic Compatibility
 T. Dvorak, ETH-Zentrum/HF, CH-8092 Zurich
 Ab: 30.10.76
 URSI

28 June-1 July Odeillo-Fontromeu, France
 Int. Colloquium on Refractory Oxides for High Temperature Energy Sources
 Mme C. Renard, Laboratoire des Ultra-Refractaires, CNRS, B.P. No. 5, F-66120 Odeillo-Fontromeu
 IUPAC

* For full details please see June issue of Europhysics News

4-7 July London, UK
5th Colloquium on UV and X-Ray Spectroscopy of Astrophysical and Laboratory Plasmas
W.R.S. Garton, Physics Department, Imperial College, London S.W.7

4-7 July Tokyo, Japan
6th Int. Conf. on Internal Friction and Ultrasonic Attenuation in Solids
R.R. Hasegawa, Faculty of Engineering, Science University of Tokyo, Kagurazaka, Shinjuku-ku, Tokyo 162
IUCr, IUPAP

4-9 July Budapest, Hungary
Conference on Particle Physics
I. Montvay, KFKI, P.O. Box 49,
H-1525 Budapest 114
P: 15.5.77/500
SFr. 160.— (IOM), SFr. 180.— (Members cat. 4 b), SFr. 200.— (others)

4-9 July Madrid, Spain
9th Int. Congress on Acoustics
A. Lara-Saenz, Centro de Investigaciones Fisicas, Serrano 144, Madrid 6
IUPAP

5-7 July Durham, UK
* Rare Earths and Actinides

6-8 July Denton, Texas, USA
Int. Conf. on Hot Electrons in Semiconductors
D.G. Seiler, Physics Department, North Texas State University, Denton, TX 76203

11-12 July Limoges, France
Int. Round Table on Plasma Polymerization and Surface Treatment
P. Fauchais, Congrès Chimie des Plasmas, Université de Limoges, Allée André Maurois, F-87100 Limoges
Ab: 5.1.77/P: 15.5.77
IUPAC

11-17 July Serpukhov, USSR
10th Int. Conf. on High Energy Accelerators
A.A. Logunov, USSR Academy of Sciences, 14 Leninskiy Prospect, Moscow V-71
IUPAP

12-15 July Cracow, Poland
9th EGAS Conf. on Atomic Spectroscopy
D. Kunisz, Institute of Physics, Jagellonian University, Reymonta 4, PL 30-059 Cracow 16
A: May 1977/P: April 1977/200
US \$ 20.—

13-15 July Porvoo, Finland
Int. Symposium on Microwave Diagnostics of Semiconductors
R. Paanen, Semiconductor Laboratory, Technical Research Centre of Finland, Otakaari 5, SF-02150 Espoo 15

13-15 July Nottingham, UK
Processing, Structure, Properties and Performance of Polymers
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX
Ab: 18.2.77/P: 29.4.77

13-19 July Limoges, France
3rd Int. Symposium on Plasma Chemistry
P. Fauchais, Congrès Chimie des Plasmas, Université de Limoges, Allée André Maurois, F-87100 Limoges
Ab: 5.1.77/P: 15.5.77
IUPAC

17-22 July Cambridge, Mass., USA
5th Int. Conf. on Crystal Growth
K. Nassau, Bell Laboratories, Murray Hill, N.J. 07974
IUCr, IUPAC, IUPAP

17-22 July Birmingham, UK
4th Conf. on Spectroscopy and Analytical Chemistry
The Secretary, Analytical Division, The Chemical Society, Burlington House, London W1V 0BN
Ab: 31.12.76
IUPAC

21-27 July Paris, France
10th Int. Conf. of Physics, Electronic and Atomic Collisions (ICPEAC)
Michel Barat, Laboratoire des Collisions Atomiques, Bât. 220, Université Paris-Sud, F-91405 Orsay Cedex
IUPAP

25-29 July Boulder, Col., USA
6th Int. Conf. on Physics and Technology of High Pressure
B. Vodar, Laboratoire des Interactions Moléculaires et des Hautes Pressions, 1 Place A. Briand, Bellevue, F-92190 Meudon, France

26-28 July Seattle, USA
* Electromagnetic Compatibility

26-29 July Leeds, UK
3rd EPS Condensed Matter Division Conf.: Electron Transport - Molecular Solids
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX
Ab: 1.3.77

August Prague, Czechoslovakia
15th Czechoslovak Conf. on Electron Microscopy and Exposition
Secretariat EM 77, Institute of Microbiology, Czechoslovak Academy of Sciences, Budejovicka 1083, CS-142 20 Prague 4

7-13 Aug. Waterloo, Ontario, Canada
General Relativity 8
M.A. McKiernan, Applied Mathematics Dept., University of Waterloo, Waterloo, Ontario N2L 3G1
IUPAP

8-12 Aug. Toronto, Canada
IFIP Congress
Canadian Information Processing Society, 212 King Street West, Suite 501, Toronto Ontario M5H 1K5
P: 1.11.76

8-12 Aug. Blindern, Norway
Solar Prominences and Their Environments
E. Jensen, Institute of Theoretical Astrophysics, University of Oslo, P.O. Box 1029, Blindern Oslo, 3
80
English, French/IAU

9-11 Aug. Gaithersburg, Md., USA
5th Symposium Simulation of Computer Systems
W.R. Franta, Department of Computer Science, 114 Lind Hall, University of Minnesota, Minneapolis, Minn. 55455
Ab: 1.2.77/P: 1.5.77

11-18 Aug. Boston, Mass., USA
Joint Meeting of the Microbeam Analysis Society and Electron Microscopy Society of America
P. Liblin, Waltham Research Center, GTE laboratories, 40 Sylvan Road, Waltham, MA 02154

13-26 Aug. Plovdiv, Bulgaria
* 15th International Cosmic Ray Conference

15-18 Aug. Haifa, Israel
Magnetic Alloys and Oxides
R.A. Buckwald, Dept. of Physics, Technion, Israel Institute of Technology, Haifa 32000
200

15-19 Aug. Toronto, Canada
Int. Conf. on Physics of Transition Metals
J.M. Perz, Dept. of Physics, University of Toronto, Toronto, Ontario, Canada M5S 1A7
Ab: 16.5.77
IUPAP

22-25 Aug. Prague, Czechoslovakia
* Int. Conf. on Technical Diagnostics

22-26 Aug. Bad Münstereifel, FRG
Structure and Properties of Nearby Galaxies
R. Wielebinski, Max-Planck-Institut für Radioastronomie, Auf dem Hügel 69, D-5300 Bonn 1
100/inv.
English, French/IAU

22-26 Aug. Stockholm, Sweden
6th Int. Colloquium on Gasdynamics of Explosions and Reactive Systems
Mrs. Helene van Gelder, Office of the International Academy of Astronautics, 250 rue St. Jacques, F-75005 Paris, France
Ab: 1.2.77

23-26 Aug. Ronneby, Sweden
5th Int. Conf. on Chemical Thermodynamics
Chemical Thermodynamics, Chemical Centre, Lund University, P.O. Box 740, S-220 07 Lund
Ab: 14.5.77
IUPAC

24-31 Aug. Haifa, Israel
13th IUPAP Conf. on Statistical Physics
I. Riess, Physics Department, Technion, Haifa
A: 1.6.77/Ab: 1.6.77/P: 1.6.77/300
IUPAP/US \$ 60.—

25-31 Aug. Hamburg, FRG
Int. Symposium on Lepton and Photon Interactions at High Energies
G. Söhngen, DESY, Notkestieg 1, D-2000 Hamburg 52
IUPAP

28 Aug.-2 Sept. Kiryat Anavim, Israel
Int. Mass Spectrometry Symposium on Natural Products
Ze'ev V.I. Zaretskii, Isotope Department, Weizmann Institute of Science, Rehovot 300
IUPAC

29-31 Aug. Dublin, Ireland
3rd Specialized Colloquium Ampere: Optical Studies in Magnetic Resonance Spectroscopy
B. Henderson, Physical Laboratory, Trinity College, Dublin 2
IUPAP/£ 20.—

29 Aug.-2 Sept. Zurich, Switzerland
7th Int. Conf. on High Energy Physics and Nuclear Structure
Mrs. E. Huber, SIN, CH-5234 Villigen
IUPAP

29 Aug.-2 Sept. Bratislava, Czechoslovakia
6th Int. Conf. on Magnet Technology
M. Jergel, Conference Secretary, Electrotechnical Institute, Slovak Academy of Sciences, Dubravská cesta, 809 32 Bratislava

30 Aug.-3 Sept. Oxford, UK
4th European Crystallographic Meeting
C.K. Prout, Chemical Crystallography Laboratory, 9, Parks Road, Oxford OX1 3QS
Ab: 15.10.76

30 Aug.-7 Sept. Prague, Czechoslovakia
* 20th Colloquium Spectroscopicum Internationale and 7th Int. Conf. on Atomic Spectroscopy

September Marseille, France
* Hertzian Optics and Dielectrics

September Dundee, UK
Biological Applications of Magnetic Resonance
R.A. Vaughan, Dept. of Physics, University of Dundee, Dundee
100

* For full details please see June issue of Europhysics News

- 4-8 Sept.** Salford, UK
Low Energy Ion Beams
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
- 4-10 Sept.** Tokyo, Japan
26th Int. Congress of Pure and Applied Chemistry
26th IUPAC Congress, POB 56, Kanda Post Office,
Tokyo 101-91
P: 15.3.77
IUPAC
- 5-8 Sept.** Warsaw, Poland
Physics of Narrow Gap Semiconductors
L. Sosnowski, Institute of Physics, Polish Academy
of Sciences, Al. Lotnikow 32/46, Warsaw
IUPAC
- 5-8 Sept.** Copenhagen, DK
7th European Microwave Conference
VDE Zentralstelle Tagungen
Stresemannallee 21,
D-6 Frankfurt/Main 70, FRG
- 5-9 Sept.** Nikko, Japan
Int. Symposium: Physics at Ultralow Temperatures
S. Nakajima, Institute for Solid State Physics,
University of Tokyo, Minato-ku, Tokyo 106
IUPAC
- 5-9 Sept.** Montpellier, France
5th Int. Conf. on Vacuum UV Radiation Physics
Mme N. Pouey, CNRS, Laboratoire de Bellevue,
1, Place Aristide-Briand, F-92190 Meudon
Ab: 1.3.77/P: 16.5.77/350
IUPAC
- 5-10 Sept.** Paris, France
International Conference on Lattice Dynamics
M. Balkanski, Laboratoire de Physique des
Solides, Tour 13, 2e étage, 4 place Jussieu,
F-75230 Paris Cedex 05
A: 15.6.77/Ab: 15.3.77/P: 1.10.77/1000
IUPAC/US \$ 80.—
- 5-11 Sept.** Tokyo, Japan
International Conference on Nuclear Structure
M. Sakai, Institute of Nuclear Study, University of
Tokyo, Midori-cho 3-2-1, Tanashi-shi, Tokyo
IUPAC
- 6-9 Sept.** Bamberg, FRG
The Interaction of Variable Stars with their
Environment
R. Kippenhahn, Institut für Astrophysik, Max-Planck-
Institut für Physik und Astrophysik, Föhringer
Ring 6, D-8 Munich 40
50/inv.
IAU
- 8-10 Sept.** Torun, Poland
Chemico-Dynamical Evolution of our Galaxy
L. Martinet, Observatoire de Genève,
CH-1290 Sauverny (GE), Switzerland
50/inv.
IAU
- 12-13 Sept.** Orsay, France
Synchrotron Radiation Instrumentation and
Developments
Y. Farge, L.U.R.E. Bât. 200, Université Paris-Sud
F-91405 Orsay
Ab: 20.6.77
- 12-14 Sept.** Glasgow, UK
EMAG '77 — Developments in Electron Microscopy
and Analysis
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
- 12-15 Sept.** Brighton, UK
European Solid State Device Research Conference
(ESSDERC '77)
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
- 12-16 Sept.** Vienna, Austria
7th Int. Vacuum Congress and 3rd Int. Conf. on
Solid Surfaces
R. Dobrozemsky, 7th IVC and 3rd ICSS, Postfach
300, A-1082 Vienna
A: 1.3.77/Ab: 1.3.77/1200
IUVSTA, IUPAC
English, French, German
- 12-16 Sept.** Tallinn, USSR
The Structure of the Universe and the Formation of
Galaxies
J. Einasto, W. Struve Astrophysical Observatory,
Tartu, Toravere, Estonia, USSR
IAU
- 12-16 Sept.** Wroclaw, Poland
13th European Congress on Molecular Spectroscopy
B. Jezowska-Trzebiatowska, University of Wroclaw,
Institute of Chemistry, 14 Joliot-Curie Street,
Wroclaw
- 12-17 Sept.** Berlin, GDR
13th Int. Conf. on Phenomena in Ionized Gases
G. Hinzpeter, Academy of Science GDR, POB 73,
DDR-108 Berlin
IUPAC
- 13-15 Sept.** Oxford, UK
* Ion-Ion and Ion-Solvent Interactions
- 13-15 Sept.** Salford, UK
Particle Size Analysis
D. Dollimore, Department of Physical Chemistry,
University of Salford, Salford M5 4WT
Ab: 31.12.76
- 13-16 Sept.** Bath, UK
4th Int. Symposium on Liquid Scintillation Counting
M.A. Crook, c/o Analytical Division, The Chemical
Society, Burlington House, London W1V 0BN
- 13-16 Sept.** Osaka, Japan
4th Int. Symposium on Nuclear Quadrupole
Resonance Spectroscopy
4th Int. Symp. on Nuclear Quadrupole Resonance
Spectroscopy, Faculty of Science, Osaka
University, Toyonaka 560
- 14-16 Sept.** Bratislava, Czechoslovakia
Soft Magnetic Materials 3
O. Benda, Slovak Technical University, Mytna 36,
880 19 Bratislava
A: March 1977/P: March 1977/120/inv.
US \$ 70.— (incl. proceedings)
- 14-16 Sept.** Southampton, UK
3rd National Quantum Electronics Conference
D.C. Hanna, Department of Electronics, University of
Southampton, Southampton, Hants SO9 5NH
P: 31.5.77
- 18-22 Sept.** Calgary, Canada
47th Annual International Meeting of the Society
of Exploration Geophysicists
D.L. Yowell, Convening Manager, Society of
Exploration Geophysicists, Box 3098,
Tulsa, OK 74101, USA
- 18-23 Sept.** Leningrad, USSR
4th Int. Meeting on Ferroelectricity (IMF 4)
G.A. Smolensky, A.F. Ioffe Physico-Technical
Institute, Academy of Sciences of the USSR,
Polytechnicheskaja, 194021 Leningrad 26
A: 30.4.77/P: Feb. 77/350
IUPAC
- 19-21 Sept.** London, UK
50th Anniversary of Discovery of Electron Diffraction
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
Ab: 31.5.77
IUCr
- 19-24 Sept.** Wroclaw, Poland
25th Congress of the Polish Physical Society
J. Piasecki, General Secretary, Polish Physical
Society, 69 Hoza Str. PL-00-681 Warsaw
- 20-22 Sept.** Odessa, USSR
Industrial Weighing (IMEKO)
IMEKO Secretariat, POB 457
H-1371 Budapest, Hungary
A: 31.1.77
- 20-23 Sept.** Ulm, FRG
3rd European Solid State Circuits Conference
(ESSCIRC 77)
VDE Zentralstelle Tagungen,
Stresemannallee 21,
D-6 Frankfurt/Main 70
- 20-24 Sept.** Karlsruhe, FRG
41. Physikertagung 1977 (DPG)
DPG-Hauptgeschäftsstelle, Gotenstrasse 1-3,
D-5300 Bonn-Bad Godesberg 1
- 21-23 Sept.** Nottingham, UK
National Conference on Reliability
T.R. Moss, National Centre of Systems Reliability,
UKAEA, Wigshaw Lane, Culcheth, Warrington,
WA3 4NE
- 22-26 Sept.** Istanbul, Turkey
* 10th World Energy Conference
- 23-25 Sept.** Manchester, UK
Institute of Physics — Education Group Annual Conf.
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
- 26-28 Sept.** Birmingham, UK
Int. Conf. on Distributed Computer Control Systems
Conference Department, IEE, Savoy Place,
London WC2R 0BL
Ab: 3.1.77/P: 9.5.77
- 26-28 Sept.** Toronto, Canada
Int. Electrical, Electronics Conf. and Exhibition
D.M. Hinton, Bell Canada, 11 Bay Bridge Rd.,
Belleville, Ontario K8P 3P6
- 26-29 Sept.** Varna, Bulgaria
6th Europhysics Conference on Macro-
molecular Physics - Phase
Transitions in Bulk Polymers
M. Mihailov, EPS Conference, Central
Laboratory for Polymers, Bulgarian
Academy of Sciences, 1113 Sofia
A: 1.1.77/Ab: 1.1.77/P: 1.5.77/150/inv.
Sfr. 200.—
- 27-29 Sept.** London, UK
2nd Int. Conf. on Power Electronics - Power Semi-
conductors and their Applications
IEE Conference Department, Savoy Place,
London WC2R 0BL
Ab: 1.11.76/P: 11.4.77
- October** Upton, L.I., USA or Grenoble, F
* 3rd Int. Symposium on Neutron Capture Gamma
Ray Spectroscopy and Related Topics
- October** Budapest, Hungary
* 4th Symposium on Reliability in Electronics -
Relectronic '77
- 3-7 Oct.** Gatlinburg, Tenn., USA
* 4th Int. Conf. on Small-Angle Scattering of X-Rays
and Neutrons
- 4-6 Oct.** Atlanta, USA
9th Nat. SAMPE Technical Convention - Materials
and Processes - In-Service Performance
SAMPE, P.O. Box 613, Azusa, CA 91702
Ab: 15.11.76
- 4-8 Oct.** Bordeaux, France
* 1st Int. Meeting on New Sources of Energy
- 6-12 Oct.** Düsseldorf, FRG
Messtechnik, Automatik (INTERKAMA 1977)
VDE Zentralstelle Tagungen,
Stresemannallee 21,
D-6 Frankfurt/Main 70
- 9-14 Oct.** Toronto, Canada
National Meeting of the Optical Society of America
Optical Society of America, Suite 620, 2000 L Street,
N.W., Washington, D.C. 20036
Ab: 8.7.77

* For full details please see June issue of Europhysics News

25-28 Oct. Knoxville, USA
7th Symposium on Engineering Problems of Fusion
Research
M.S. Lubell, Oak Ridge National Laboratory,
P.O. Box Y, Oak Ridge, TN 37830

25-28 Oct. London, UK
Radar - 77
IEE Conference Department, Savoy Place,
London WC2R OBL
Ab: 10.1.77/P: 16.5.77

27-29 Oct. Rochester, N.Y., USA
* Meeting of the Nuclear Physics Division (APS)

7-11 Nov. Atlanta, Georgia, USA
* Meeting of the Plasma Physics Division (APS)

8-11 Nov. Minneapolis, USA
* Magnetism and Magnetic Materials

21-23 Nov. Miami Beach, USA
General Meeting of the American Physical Society
American Physical Society, 335 E. 45th Street,
New York, NY 10017
Ab: 9.9.77

27 Nov.-2 Dec. San Francisco, USA
* Meeting of the American Nuclear Society

30 Nov.-2 Dec. Brighton, UK
New Developments in Automatic Testing
IEE Conference Department, Savoy Place,
London WC2R OBL
Ab: 10.1.77/P: 27.6.77

5-7 Dec. Knoxville, Tenn., USA
* Electron and Atomic Physics Div. Meetings (APS)

5-7 Dec. Washington, D.C., USA
International Electron Devices Meeting
Technical Activities Board, IEEE Inc., 345 E.
47th Street, New York, NY 10017

13-14 Dec. Oxford, UK
Electrocrystallization, Nucleation, Phase Formation
A. Bewick, Department of Chemistry, The University,
Southampton SO9 5NH
A: Nov. 77/Ab: 31.12.76/P: 1.8.77/100

1978

22-26 Jan. San Francisco, USA
American Physical Society - General Meeting
American Physical Society, 335 E. 45th Street,
New York, NY 10017

15-17 Feb. Philadelphia, USA
* Int. Solid State Circuits Conference

6-11 March Toulouse, France
Highlights in Solar Physics
Monique Pick, D.A.S.O.P., Meudon Observatory,
F-92190 Meudon

300
FF 150.—

27-30 March Washington, D.C., USA
American Physical Society - General Meeting
American Physical Society, 335 E. 45th Street,
New York, NY 10017

29 March-1 April Guildford, UK
3rd Int. Sub-Millimetre Waves Conf.
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX

24-27 April Washington, D.C., USA
American Physical Society - General Meeting
American Physical Society, 335 E. 45th Street,
New York, NY 10017

9-12 May Florence, Italy
International Magnetism Conference (INTERMAG)
Joe Suozzi, Bell Telephone Labs, Inc., Whippany,
NJ 07981, USA
800

15-18 May Monterey, USA
International Conference on Plasma Science
F. Schwirzke, Physics Department, Naval
Postgraduate School, Monterey, CA 93940

16-19 May Ottawa, Canada
* Precision Electromagnetic Measurements

28 May-3 June Innsbruck, Austria
Int. Symposium on Solar-Terrestrial Physics
SCOSTEP Secretariat, c/o National Academy of
Sciences, 2101 Constitution Avenue NW,
Washington, DC 20418, USA
400
English, French/COSPAR, SCOSTEP

28 May-10 June Innsbruck, Austria
21st Annual Plenary Meeting of COSPAR
COSPAR Secretariat, 51 bd. de Montmorency,
F-75016 Paris, France
600
English, French/COSPAR

End of May Innsbruck, Austria
Atmospheres and Surfaces of the Planets
COSPAR Secretariat, 51 bd. de Montmorency,
F-75016 Paris, France
150
COSPAR

July Munich, FRG
10th EGAS Conf. on Atomic Spectroscopy
H. Walther, Sektion Physik, Universität München,
Am Coulombwall 1, D-8046 Garching
200

July
Conference on Nuclear and Space Radiation Effects
Technical Activities Board, IEEE, 345 E. 47th Street,
New York, NY 10017, USA

3-7 July York, UK
* 4th International Meeting on Nuclear Magnetic
Resonance Spectroscopy

31 July-9 Aug. Toronto, Canada
* 9th Int. Meeting on Electron Microscopy

August Japan
19th Int. Conf. on High Energy Physics
IUPAP

7-11 Aug. Toronto, Canada
Heat Transfer 1978
G.F. Hewitt, Thermodynamics Div.,
B 392, AERE, Harwell OX11 0RA
Ab: 1.12.76

23-29 Aug. Grenoble, France
L.T. 15 - 15th Int. Conf. on Low Temperature
Physics
M.R. Tournier, CRTBT, CNRS, 166X
F-38042 Grenoble Cedex

30 Aug.-1 Sept. Southampton, UK
Recombination in Semiconductors

30 Aug.-2 Sept. Autrans, France
Physique des Terres Rares et Actinides à l'Etat
Métallique
R. Lemaire, Laboratoire de Magnétisme,
CNRS, 166X, F-38042 Grenoble Cedex
A: July 1978/P: 30.6.78/100/inv.
FF 250.—

September Harwell, UK
Nuclear Data for Applied Purposes
Basil Rose, Nuclear Physics Division, H.8, AERE,
Harwell, OX11 0RA

4-8 Sept. Edinburgh, UK
14th Int. Conf. on the Physics of Semiconductors

11-15 Sept. Oxford, UK
Applications of High Magnetic Fields in
Semiconductor Physics

25-29 Sept. York, UK
Fourth EPS General Conference
Provisional information: EPS Secretariat,
P.O. Box 39, CH-1213 Petit-Lancy 2

18-20 Oct. Washington, DC, USA
* Nuclear Science Symposium

Schools

1977

13-22 Jan. New Delhi, India
Winter School on Bose Statistics
F.C. Auluck, Dept. of Physics and Astrophysics,
University of Delhi, Delhi 110007

26 Jan.-18 March Trieste, Italy
* Winter College on Atomic and Molecular Physics

24 Feb.-5 March Schladming, Austria
Contacts between High Energy Physics and other
Fields of Physics
Organizing Committee, Institut für Theoretische
Physik, Universität Graz, Universitätsplatz 5,
A-8010 Graz
A: 10.2.77/150

6-18 March Flaine, F
12th Rencontre de Moriond: High-Energy Leptonic
and Hadronic Interactions
RMIEM, Lab. de Physique Théorique, Bât. 211,
Université de Paris-Sud, F-91405 Orsay Cedex

7-19 March Aussois, France
Implosion Laser et Plasmas Thermonucléaires très
Denses
C. Jablon, Laboratoire de Physique des Plasmas,
F-91405 Orsay
A: 15.12.76/35
French

10-20 March Erice, Italy
Noise in Biological Membranes
A. Borsellino, Laboratorio di Cibernetica e Biofisica,
Corso Mazzini 20, I-16032 Camogli

13-26 March Arabba, Italy
Spectroscopy and Kinetics of Atmospheric
Constituents
Mrs. G. Huber-Rutz, Institut für Physikalische
Chemie, Univ. Bonn, Wegelerstr. 12,
D-53 Bonn, Fed. Rep. Germany
A: 31.1.77/60

22 March-9 April Trieste, Italy
College in Theoretical and Computational Plasma
Physics
International Centre for Theoretical Physics,
P.O.B. 586, I-34100 Trieste

26 March-9 April Erice, Italy
Int. School of Electron Microscopy: Biological
Applications
Main Secretariat, CCSEM, Via Guarnotta 26,
I-91016 Erice

11-19 April Erice, Italy
Highly Specialized Seminar: Statistical Mechanics
at High Density
Main Secretariat, CCSEM, Via Guarnotta 26,
I-91016 Erice

13-23 April Erice, Italy
International School of Applied Geophysics
Main Secretariat, CCSEM, Via Guarnotta 26,
I-91016 Erice

17-30 April Urbino, Italy
Chemically Induced Magnetic Polarization - CIDNP,
CIDEP and their Applications to Radical
Chemistry
L.T. Muus, Chemistry Institute, 140 Langelandsgade,
DK-8000 Aarhus C, Denmark
A: 20.1.77/80
US \$ 340.—

18-28 April Rehovot, Israel
* Bat-Sheva Seminar on Electron Density Mapping
in Molecules and Crystals

* For full details please see June issue of Europhysics News

- 24-30 April** Erice, Italy
Exotic Atoms and Related Topics
Dr. G. Fiorentini, Istituto Nazionale di Fisica Nucleare, Via Vecchia Livornese, I-56010 S. Piero a Grado, Pisa
A: 24.3.77
SFr. 350.—
- 25 April-6 May** Erice, Italy
Quantitative and Stereological Image Analysis by Mathematical Morphology
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 1-8 May** Erice, Italy
Quality, Quantity and Measurement in Science
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 10-22 May** Erice, Italy
Theories of Gravitation
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 20 May-4 June** Erice, Italy
Highly Specialized Seminar: Multihadronic Final States
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 22 May-4 June** Nafplion, Greece
The 1977 CERN - JINR School of Physics
Miss D.A. Caton, Scientific Conference Secretariat, CERN, CH-1211 Geneva 23, Switzerland
A: 15.2.77/80
SFr. 750.—
- June-August** Trieste, Italy
Workshop on Solid State Physics
International Centre for Theoretical Physics, POB 586, I-34100 Trieste
- 11-25 June** Erice, Italy
Int. School of Low Temperature Physics: Quantum Liquids
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 15-30 June** Erice, Italy
Interaction of Photons with Matter
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 20 June-2 July** Urbino, Italy
The Design and Implementation of Optimization Software
F.A. Lootsma, University of Technology, Delft, The Netherlands
A: 1.4.77/70
- 26 June-5 July** Erice, Italy
International School of Physics for Industry: Imaging and Display Devices
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 27 June-9 July** Erice, Italy
International School of Mathematical Physics: Invariant Wave Equations
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 27 June-9 July** Varenna, Italy
Physics of the Magnetic Garnets
A. Paoletti, Laboratorio di Elettronica dello Stato Solido, Via Cineto Romano 42, I-00156 Rome
A: 30.4.77/75
English, French
- July** Antwerp, Belgium
Path Integrals and their Applications in Quantum and Statistical Physics
J. Devreese, Rijksuniversitair Centrum Antwerpen, Groenenborgerlaan 171, B-2020 Antwerpen
A: 15.5.77/100
- 4-15 July** Cambridge, UK
The Scientific Basis of Flocculation
K.J. Ives, University College, London WC1E 6BT
A: 30.4.77/50/inv.
£ 180
- 4-23 July** Cargèse, Corsica, France
Hadron Structure and Lepton-Hadron Interactions
Miss Marie France Hanseler, Laboratoire de Physique Théorique, Tour 16 - 1er étage, 4 place Jussieu, F-75230 Paris Cedex 05
A: 15.3.77/P: 1.10.77/50
- 4 July-20 Aug.** Les Houches, France
Nuclear Physics with Mesons and Heavy Ions
Ecole d'Été de Physique Théorique, F-74310 Les Houches
A: 15.3.77/50
- 6 July-18 Aug.** Trieste, Italy
Workshop on Science Teaching
International Centre for Theoretical Physics, POB 586, I-34100 Trieste
English, French
- 9-20 July** Erice, Italy
International School of Astrophysics: Infrared Astronomy
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 10-16 July** Durham, N.H., USA
* 3rd Int. Summer School on Crystal Growth
- 11-23 July** Varenna, Italy
Weak Interactions
M. Baldo Ceolin, Istituto di Fisica, Via Marzolo 8, Padua
A: 30.4.77/75
English, French
- 23 July-10 Aug.** Erice, Italy
The Why's of Subnuclear Physics
Miss M. Zaini, Int. School of Subnuclear Physics, CERN, CH-1211 Geneva 23
A: 31.5.77
SFr. 1000.—
- 25 July-6 Aug.** Varenna, Italy
Problems in the Foundations of Physics
G. Toraldo di Francia, Istituto di Fisica Superiore, Via Panciatici 56, I-50127 Florence
A: 30.4.77/75
English, French
- 31 July-20 Aug.** St. Andrews, UK
Scottish Universities Summer School on Physics - Nuclear Structure
G.I. Crawford, Kelvin Laboratory, University of Glasgow, N.E.L., East Kilbride, Glasgow
A: 31.3.77/60
£ 130
- 8-20 Aug.** Darlington, UK
Communication Systems and Random Process Theory
J.K. Skwirzynski, GEC-Marconi Research Laboratories, Gt. Baddow, Chelmsford CM2 8HN
A: 30.6.77/Ab: 31.12.76/P: 31.3.77/100
- 12-22 Aug.** Erice, Italy
The Meaning of Interdisciplinarity
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 14-26 Aug.** Kasteel Nijenrode, NL
Nuclear Spectroscopy
P.W.M. Glaudemans, Sorbonnelaan 4, Utrecht 100
hFl. 700.—
- 24 Aug.-4 Sept.** Erice, Italy
Int. School of Relativistic Astrophysics
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 28 Aug.-10 Sept.** Ghent, Belgium
Electron and Ion Spectroscopy
W. Dekeyser, Laboratorium voor Kristallografie en Studie van de Vaste Stof, Krijgslaan 271, B-9000 Ghent
A: 15.6.77/75
- 1-14 Sept.** Namur, Belgium
Electronic Structure and Properties of Polymers
Jean-Marie André, Laboratoire de Chimie Théorique Appliquée, 61, rue de Bruxelles, B-5000 Namur
A: 30.4.77/60
bFr 6500.— (all incl.)
- 1-16 Sept.** Varenna, Italy
Theory of Magnetically Confined Plasmas
Course (1-10) Workshop (10-16)
Dr. R. Pozzoli, Istituto di Fisica
Via Celoria 16, I-20133 Milan
A: 31.5.77/80
US \$ 200.— (150.— course only)
- 5-16 Sept.** Erice, Italy
Teaching Crystallography for Today's Sciences
Prof. A. Authier, Université P. et M. Curie, Lab. Minéralogie Cristallographie, Tour 16, 4, pl. Jussieu, F-75230 Paris Cedex 05
A: 30.11.76
US \$ 250.—
- 5-17 Sept.** Liège, Belgium
Representations of Lie Groups and Harmonic Analysis: Representation of Solvable and Semi-simple Groups, Harmonic Analysis
M. de Wilde, Institut de Mathématique, 15 ave. des Tilleuls, B-4000 Liège
A: 30.4.77/80
- 11-21 Sept.** Pugnochiuso, Italy
The Valence Shell in Inorganic Molecules and Solids
P. Day, Inorganic Chemistry Laboratory, South Parks Road, Oxford, UK
A: 30.4.77/70
English
- 11-24 Sept.** Urbino, Italy
Molecular Structure and Dynamics
M.S. Child, Theoretical Chemistry Department, 1 South Parks Road, Oxford, OX1 3TG, UK
A: 15.4.77/60
US \$ 70.—
- 19-29 Sept.** Louvain-la-Neuve, Belgium
Process and Device Modelling for Integrated Circuit Design
F. Van de Wiele, Bâtiment Maxwell, B-1348 Louvain-la-Neuve
A: 30.4.77/70
- 20 Sept.-25 Nov.** Trieste, Italy
Autumn Course on the Physics of the Earth
International Centre for Theoretical Physics, POB 586, I-34100 Trieste
- 25 Sept.-8 Oct.** Corfu, Greece
High Pressure Chemistry
H. Kelm, Institute of Physical Chemistry, Robert Mayer Strasse 11, D-6000 Frankfurt/Main, Fed. Rep. Germany
A: 30.4.77/65
- 9-21 Oct.** Erice, Italy
International School of Energetics: Topics in Energy Technology
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice
- 25 Oct.-1 Nov.** Erice, Italy
Biophysics: Neuro Development
A. Borsellino, Laboratorio di Cibernetica e Biofisica, Corso Mazzini 20, I-16032 Camogli
- 29 Dec.-10 Jan. 1978** Erice, Italy
Highly Specialized Seminar: Computational Geometry
Main Secretariat, CCSEM, Via Guarnotta 26, I-91016 Erice

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